IAP7 Rec'd PCT/PTO 02 AUG 2006

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE **CUSTOMER NO. 22,852** (DO/EO/US) ATTORNEY'S DOCKET NUMBER: **CONCERNING A SUBMISSION UNDER 35 U.S.C. 371** 07990.0026 ee 37 CFR 1.5(INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED PCT/US2004/042164 December 17, 2004 February 6, 2004 TITLE OF INVENTION POST-ADDITION OF WHITE MINERALS FOR MODIFICATIONS OF OPTICAL FILM PROPERTIES APPLICANT(S) FOR DO/EO/US Edward J. SARE, Stephen C. RAPER, and Julie FIGLAR Applicant(s) herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a filing under 35 U.S.C 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items 3. (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). \boxtimes A copy of the International Application as filed (35 U.S.C. 371 (c)(2)). is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. is not required, as the application was filed with the United States Receiving Office (RO/US). An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4). \boxtimes Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)). are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. b. have not been made; however, the time limit for making such amendments has NOT expired. \boxtimes have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). Items 11 to 20 below concern document(s) or information included: Information Disclosure Statement under 37 CFR 1.97 and 1.98 12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. A preliminary amendment. 14. 🗆 An Application Data Sheet under 37 CFR 1.76. 15. A Substitute specification. 16. 🗆 A power of attorney and/or change of address letter. 17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825. 18. A second copy of the published International Application under 35 U.S.C. 154 (d)(4). 19. 🗆 A second copy of the English language translation of the international application 35 U.S.C. 154 (d)(4). 20. Other items or information: Copy of cover page of International Publication No. WO 2005/083016 A1 П Copy of Notification of Missing Requirements. \boxtimes Copy of the International Search Report from the European Patent Office d.

g. 🔲

IAP11 Rec'd PCT/PTO 02 AUG 2006

The following fees have been submitted: 21. © BASIC NATIONAL FEE (37 CFR 1492(s)):	U.S. APPLICATION 108 79 9 52 32 FR 1.5) INTERNATIONAL APPLICATION NO. PCT/US2004/042164						ATTORNEY'S DOCKET NUMBER [] 07900.0026			
2.2		The following fees have been submitted:						CALCULATIONS		
If the Witten opinion prepared by ISAUS or the International preliminary examination report prepared by ISAUS or the International preliminary examination report prepared by ISAUS or the International sand in the ISAUS or the International specific state of ISAUS or the Isternational specific state of ISAUS or ISAUS	21. 🖾	BASIC NATIONAL FEE (37 CFR 1.492(a)):\$300.00						\$300.00	Only	
by IPEAUS indicates all claims satisfy provisions of PCT Acticle 33(1)(4)	22. Examination fee (37CFR 1.492(c))									
If the written opinion of the ISAUS or the International preliminary examination report prepared by IPEAUS incidentes all claims saidly provisions of PCT Article 33(1/14) incidentes and claims saidly provisions of PCT Article 33(1/14) incidentes and claims saidly provisions of PCT Article 33(1/14) incidentes and saidly and saidly and provisions of PCT Article 33(1/14) incidentes and saidly and saidly and provisions of PCT Article 33(1/14) incidentes and saidly an	by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0							\$200.00		
Additional fee for specification and drawings filled in paper over 100 sheats (excluding sequence listing in complicate with 37 CFR 1.21(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.24(2)). The fee is \$250 for each additional 30 sheets of paper or fraction thereof. Total Sheets	If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)							\$400.00		
listing in compliance with 37 CFR 1.821(c) or (e) or computer program isting in an electronic medium (37 CFR 1.492(i)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. Total Sheets Extra Sheets Number of each additional 50 or fraction thereof. 100 = 1/50			TOTAL of 2	21, 22	2 and 23 =			\$900.00		
Total Sheets Extra Sheets Number of each additional 50 or fraction thereof (round up to a whole number) 40 - 100 = /59	listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)).									
thereof (round up to a whole number) 40 - 100 = 750 = x \$250.00 Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of x \$250.00 CLAIMS NUMBER FILED NUMBER EXTRA RATE Total Claims 56 - 20 = 36 x \$550.00 \$1800.00 Independent Claims 8 - 3 = 5 x \$200.00 \$1000.00 MULTIPLE DEPENDENT CLAIM(S) (if applicable) +\$360.00 \$3700.00 TOTAL OF ABOVE CALCULATIONS = \$3700.00 AUCTIPLE DEPENDENT CLAIM(S) (if applicable) +\$360.00 \$3700.00 TOTAL OF ABOVE CALCULATIONS = \$3700.00 AUCTIPLE DEPENDENT CLAIM(S) (if applicable) +\$360.00 \$3700.00 TOTAL OF ABOVE CALCULATIONS = \$3700.00 Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest priority date (37 CFR \$1.492(I)). TOTAL NATIONAL FEE = \$3700.00 Fee for recording the enclosed assignment (37 CFR 1.21 (ft)). The assignment must be accompanied by an appropriate \$1.492(I) TOTAL FEES ENCLOSED = \$3700.00 Amount to be refunded. \$1.492(I) TOTAL FEES ENCLOSED = \$3700.00 Amount to be refunded. \$1.492(I) TOTAL FEES ENCLOSED = \$1.492(I										
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)). CLAIMS NUMBER FILED NUMBER EXTRA RATE Total Claims 56-20 = 36								s		
CLAIMS NUMBER FILED NUMBER EXTRA RATE Total Claims 56 - 20 = 36	X 0200.00							\$		
Total Claims	commencement of the national stage (37 CFR 1.492(h)).							<u>.</u>		
Independent Claims 8-3 = 5 x \$200.00 \$1000.00 MULTIPLE DEPENDENT CLAIM(S) (if applicable) +\$360.00 \$ TOTAL OF ABOVE CALCULATIONS = \$3700.00 Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½. SUBTOTAL = \$3700.00 Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest priority date (37 CFR \$ 1.492(i)). TOTAL NATIONAL FEE = \$3700.00 Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate \$ cover sheet (37 CFR 3.26, 3.31). \$40.00 per property. TOTAL FEES ENCLOSED = \$3700.00 Amount to be refunded: charged: \$ a. \(\triangle \) A check in the amount of \$	Total Clain					\$1800.00				
MULTIPLE DEPENDENT CLAIM(S) (if applicable) +\$360.00 \$ TOTAL OF ABOVE CALCULATIONS = \$3700.00 Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½. SUBTOTAL = \$3700.00 Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest priority date (37 CFR \$ 1.492(i)). TOTAL NATIONAL FEE = \$3700.00 Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate \$ 1.492(ii). TOTAL FEES ENCLOSED = \$3700.00 Amount to be refunded: \$ 1.400 for furnishing the enclosed assignment of \$ 1.400 for furnishing the enclosed assi				-						
TOTAL OF ABOVE CALCULATIONS = \$3700.00 Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½. SUBTOTAL = \$3700.00 Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest priority date (37 CFR \$ 1.492(i)). TOTAL NATIONAL FEE = \$3700.00 Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property. TOTAL FEES ENCLOSED = \$3700.00 A check in the amount of \$ 3700.00 to cover the above fees is enclosed. D Please charge my Deposit Account No. 96-9916. A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 96-9916. A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 96-9916. A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 96-9916. A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 96-9916. A duplicate copy of this sheet is enclosed. SEND ALL CORRESPONDENCE TO: Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P. 901 New York Avenue, N.W. Washington, DC 20001-4413 **NAME/REGISTRATION NUMBER**										
SUBTOTAL = \$3700.00 Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest priority date (37 CFR \$ 1.492(i)). TOTAL NATIONAL FEE = \$3700.00 Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property. TOTAL FEES ENCLOSED = \$3700.00 Amount to be refunded: charged: \$ a. A check in the amount of \$ 3700.00 to cover the above fees is enclosed. b. Please charge my Deposit Account No. in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed. c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-0916. A duplicate copy of this sheet is enclosed. d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be Included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P. SIGNATURE SIGNATURE SIGNATURE SIGNATURE SIGNATURE SIGNATURE NAME/RECISTRATION NUMBER										
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest priority date (37 CFR 1.492(i)). TOTAL NATIONAL FEE = \$3700.00 Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property. TOTAL FEES ENCLOSED = \$3700.00 Amount to be refunded: charged: \$ a. A check in the amount of \$ 3700.00 to cover the above fees is enclosed. b. Please charge my Deposit Account No. in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed. c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-0916. A duplicate copy of this sheet is enclosed. d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P. SIGNATURE SIGNATURE Ernest F. Chapman/Reg. No. 25,961 NAME/REGISTRATION NUMBER	☐ Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.							\$		
1.492(i) . TOTAL NATIONAL FEE = \$3700.00	SUBTOTAL =							\$3700.00		
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31), \$40.00 per property. TOTAL FEES ENCLOSED = \$3700.00 Amount to be refunded: charged: \$ a. A check in the amount of \$								\$	-	
TOTAL FEES ENCLOSED = \$3700.00 Amount to be refunded: \$ a. \otimes A check in the amount of \$ 3700.00 to cover the above fees is enclosed. b. Please charge my Deposit Account No. in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed. c. \otimes The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-0916. A duplicate copy of this sheet is enclosed. d. \overline{\overline{\text{The Commissioner}}} Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P. 901 New York Avenue, N.W. Washington, DC 20001-4413 Emest F. Chapman/Reg, No. 25,961 NAME/REGISTRATION NUMBER	TOTAL NATIONAL FEE =							\$3700.00		
Amount to be refunded: charged: s a. A check in the amount of \$ 3700.00 to cover the above fees is enclosed. b. Please charge my Deposit Account No. in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed. c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-0916. A duplicate copy of this sheet is enclosed. d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P. 901 New York Avenue, N.W. Washington, DC 20001-4413 Ernest F. Chapman/Reg. No. 25,961 NAME/REGISTRATION NUMBER	Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property.							\$		
a. A check in the amount of \$ 3700.00 to cover the above fees is enclosed. b. Please charge my Deposit Account No. in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed. c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-0916. A duplicate copy of this sheet is enclosed. d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be Included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P. 901 New York Avenue, N.W. Washington, DC 20001-4413 Emest F. Chapman/Reg. No. 25,961 NAME/REGISTRATION NUMBER	TOTAL FEES ENCLOSED =									
a A check in the amount of \$ 3700.00 to cover the above fees is enclosed. b. Please charge my Deposit Account No. in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed. c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-0916. A duplicate copy of this sheet is enclosed. d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P. 901 New York Avenue, N.W. Washington, DC 20001-4413 Ernest F. Chapman/Reg. No. 25,961 NAME/REGISTRATION NUMBER									\$	
b. Please charge my Deposit Account No in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed. c. \[\text{The Commissioner} is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. \(\frac{06-0916}{0.0916} \). A duplicate copy of this sheet is enclosed. d. \[Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P. 901 New York Avenue, N.W. Washington, DC 20001-4413 Ernest F. Chapman/Reg. No. 25.961 NAME/REGISTRATION NUMBER									\$	
A duplicate copy of this sheet is enclosed. c. A the Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-0916. A duplicate copy of this sheet is enclosed. d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P. 901 New York Avenue, N.W. Washington, DC 20001-4413 Emest F. Chapman/Reg. No. 25,961 NAME/REGISTRATION NUMBER	a. 🛛 🗡									
No. 06-0916. A duplicate copy of this sheet is enclosed. d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P. 901 New York Avenue, N.W. Washington, DC 20001-4413 Emest F. Chapman/Reg. No. 25,961 NAME/REGISTRATION NUMBER										
on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P. 901 New York Avenue, N.W. Washington, DC 20001-4413 Emest F. Chapman/Reg. No. 25,961 NAME/REGISTRATION NUMBER	c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-0916. A duplicate copy of this sheet is enclosed.									
to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P. 901 New York Avenue, N.W. Washington, DC 20001-4413 Emest F. Chapman/Reg. No. 25,961 NAME/REGISTRATION NUMBER	d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.									
Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P. 901 New York Avenue, N.W. Washington, DC 20001-4413 Emest F. Chapman/Reg. No. 25,961 NAME/REGISTRATION NUMBER	NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.									
901 New York Avenue, N.W. Washington, DC 20001-4413 Emest F. Chapman/Reg. No. 25,961 NAME/REGISTRATION NUMBER	SEND AL	L CORRESPONDENC	E TO:			1/1/				
Emest F. Chapman/Reg. No. 25,961 NAME/REGISTRATION NUMBER	901 New York Avenue, N.W. SIGNATURE									
NAME/REGISTRATION NUMBER	Washingto	n, DC 20001-4413			Emest F. 0	Chapman/Reg. No. 2	25,961			
	DATED:	August 2, 2006								